

Application No. 09/597,920
After Final Office Action of June 24, 2005

Docket No.: 58118(47992)

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-90: (canceled)

Claim ¹91. (currently amended) A method of making a purified antibody which specifically binds to a the LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4 comprising:

- a) immunizing an animal with a polypeptide antigen comprising at least about five amino acids of the amino acid sequence of SEQ ID NO: 4; and
- b) isolating the antibody from said animal.

Claim ²92. (previously presented) The method of claim ¹91, wherein the antibody is a polyclonal antibody.

Claim ³93. (currently amended) A method of making a purified antibody which specifically binds to a the LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4 comprising:

- a) immunizing an animal with a polypeptide antigen comprising at least about five amino acids of the amino acid sequence of SEQ ID NO: 4
- b) isolating antibody-producing cells from the animal;
- c) fusing the antibody producing cells with immortalized cells in culture to form antibody-producing cells;
- d) culturing the cells; and
- e) isolating from the culture, antibodies which bind specifically to a the LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4.

Claim ⁴94. (previously presented) The method of claim ³93, wherein the antibody is a monoclonal antibody.

Claim ⁵95. (previously presented) The method of any of claims ¹⁻⁴91-94, wherein

Application No. 09/597,920
After Final Office Action of June 24, 2005

Docket No.: 58118(47992)

the polypeptide antigen comprises at least 20 amino acids of the amino acid sequence of SEQ ID NO: 4.

⁶
Claim ~~96~~. (previously presented) The method of any of claims ~~91-94~~¹⁻⁴, wherein the polypeptide antigen comprises the amino acid sequence of SEQ ID NO: 4.

⁷
Claim ~~97~~. (currently amended) The method of claim ~~96~~⁵, wherein the polypeptide antigen comprises the cytosolic-tail portion of a the LAT comprising an amino acid sequence according to SEQ ID NO: 4.

Claim 98. (cancelled)

⁸
Claim ~~99~~. (previously presented) The method of any of claims ~~91-94~~¹⁻⁴, wherein the polypeptide antigen comprises a phosphotyrosine and the antibody specifically binds to a phosphorylated LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4.

⁹
Claim ~~100~~. (currently amended) The method of any of claims ~~91-94~~¹⁻⁴, wherein the antibody immunoprecipitates a 40 kd protein from a lysate of C305 cells transfected with a the LAT cDNA comprising a nucleic acid sequence according to SEQ ID NO: 1, but which does not immunoprecipitate said 40kd protein from a lysate of non-transfected cells.

¹⁰
Claim ~~101~~. (previously presented) The method of any of claims ~~91-94~~¹⁻⁴, wherein the antibody does not stain endothelial cells.

¹¹
Claim ~~102~~. (currently amended) The method of claim ~~101~~¹⁰, wherein the antibody immunoprecipitates a 40 kd protein from a lysate of ^{C305} ~~293T~~ cells transfected with a the LAT cDNA comprising a nucleic acid sequence according to SEQ ID NO: 1, but which does not immunoprecipitate said 40kd protein from a lysate of non-transfected cells.

Claims 103-142 (cancelled).

12-6-05
See Examiner's
Amendment
3.

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FAX NO.

P. 08/07

Application No. 09/597,920
After Final Office Action of June 24, 2005

Docket No.: 58118(47992)

Claim ~~143~~¹². (previously presented) The method of claim ~~94~~⁴, further comprising humanizing the monoclonal antibody.